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AUTHOR Bickel, Janet; Quinnie, Renee
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ABSTRACT

This publication consists solely of statistical data with respect to women in medicine. Seven tables and three figures are presented. The tables are organized as follows: (1) Women Applicants, Enrollees and Graduates, Selected Years 1949-50 through 1990-91; (2) Comparative Acceptance Data for Men and Women Applicants, 1973-74 through 1990-91; (3) Acceptance Rates of Applicants by Age and Sex, 1990-91 First-Year Class; (4) Distribution of Women Residents, 1989; (5) Women Faculty by Departments, 1975 and 1991; (6) Women Chairs of Academic Departments, 1990-91; and (7) Women Physicians by Activity and Specialty. Figure 1 illustrates full-time medical school faculty by rank and gender; figure 2 presents full-time medical school faculty by degree and gender; and figure 3 shows ethnicity of female faculty in U.S. medical schools (1991). (LL)

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WOMEN IN MEDICINE

STATISTICS

Prepared by:

Janet Bickel
Director for Women's Programs
and
Renee Quinnie
Administrative Assistant
Division of Institutional Planning and Development
Association of American Medical Colleges
(202) 828-0575

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TABLE 1

WOMEN APPLICANTS, ENROLLEES & GRADUATES--SELECTED YEARS
1949-1950 THROUGH 1990-91

Year of Matriculation	Applicants		First-Year Enrollment		Total Enrolled		Graduates	
	No.	%	No.	%	No.	%	No.	%
1949-50	1,390	5.7	387	5.5	1,806	7.2	595	10.7
1959-60	1,026	6.9	494	6.0	1,710	5.7	405	5.7
1964-65	1,731	9.0	786	8.9	2,503	7.7	503	6.8
1969-70	2,289	9.4	952	9.2	3,390	9.0	700	8.4
1974-75	8,712	20.4	3,260	22.3	9,786	18.1	1,706	13.4
1979-80	10,222	28.3	4,713	27.8	16,141	25.3	3,497	23.1
1984-85	12,476	34.7	5,715	33.6	21,316	31.8	4,904	30.1
1985-86	11,562	35.2	5,800	34.2	21,650	32.5	4,957	30.8
1986-87	11,267	36.0	5,894	35.0	22,100	33.4	5,107	32.3
1987-88	10,411	37.0	6,098	36.5	22,544	34.3	5,215	32.8
1988-89	10,264	38.4	6,254	37.1	22,985	35.2	5,221	33.4
1989-90	10,546	39.2	6,414	38.3	23,513	36.2	5,231	34.5
1990-91	11,392	40.2	6,550	38.8	24,286	37.3	NA	
1991-92 (est.)	13,421	41.1	NA		NA		NA	

Source: AAMC Section for Student Services

TABLE 2

COMPARATIVE ACCEPTANCE DATA FOR MEN AND WOMEN APPLICANTS
1973-1974 THROUGH 1990-91

Year of Matriculation	No. of Applicants		No. Accepted		% Accepted	
	Men	Women	Men	Women	Men	Women
1974-75	33,912	8,712	11,674	3,392	34.4	38.9
1975-76	32,515	9,575	11,619	3,639	35.7	38.0
1976-77	31,911	10,244	11,852	3,922	37.1	38.3
1977-78	30,374	10,195	11,896	4,081	39.2	40.0
1978-79	27,075	9,561	12,352	4,175	45.6	43.7
1979-80	25,919	10,222	12,156	4,730	46.9	46.3
1980-81	25,436	10,664	12,196	4,950	47.9	46.4
1981-82	25,054	11,673	11,953	5,333	47.7	45.7
1982-83	24,045	11,685	11,843	5,451	49.3	46.7
1983-84	23,239	11,961	11,577	5,632	49.8	47.1
1984-85	23,468	12,476	11,463	5,731	48.8	45.9
1985-86	21,331	11,562	11,370	5,858	53.3	50.7
1986-87	20,056	11,267	11,159	5,933	55.6	52.7
1987-88	17,712	10,411	10,822	6,205	61.1	59.6
1988-89	16,457	10,264	10,785	6,323	65.5	61.6
1989-90	16,369	10,546	10,522	6,453	64.3	61.2
1990-91	17,458	11,785	10,550	6,656	60.4	56.5
1991-92 (est.)	19,237	13,421	NA		NA	

Source: AAMC Section for Student Services

TABLE 3

ACCEPTANCE RATES OF APPLICANTS BY AGE AND SEX

1990-91 FIRST-YEAR CLASS

	Men				Women			
Age	No. of Applicants	Percent	Percent Accepted for 1990-91	Percent Accepted for 1986-87	No. of Applicants	Percent	Percent Accepted for 1990-91	Percent Accepted for 1986-87
20 & Under	392	2.2	85.2	84.8	313	2.7	78.3	79.6
21 - 23	10,048	57.6	68.8	69.3	6,680	55.8	56.7	61.9
24 - 27	4,236	24.3	50.1	52.0	2,705	23.0	49.9	53.6
28 - 31	1,571	9.0	46.1	44.8	979	8.3	48.1	52.0
32 - 34	581	3.3	42.5	38.6	477	4.0	44.7	45.0
35 - 37	334	1.9	36.2	37.7	327	2.8	39.8	43.3
38 and Over	296	1.7	29.1	28.9	304	2.6	36.8	39.2
Total	17,458	100.0	60.4	61.1	11,785	100.0	56.5	59.6

Source: AAMC Medical School Admission Requirements, 1992-93.

TABLE 4

DISTRIBUTION OF WOMEN RESIDENTS, 1989**

Specialty	Number	% of All Women Residents	Women Residents as % of all Residents 1987	'88	'89
Allergy & Immun.	68	.3	30.6	31.7	27.3
Anesthesiology	939	4.0	19.6	19.2	20.3
Colon & Rectal Surgery	3	*	8.0	2.3	6.8
Dermatology	383	1.6	45.7	44.4	46.4
Dermatopathology	10	*	52.0	33.3	62.5
Emergency Medicine	376	1.6	24.4	23.8	24.5
Family Practice	2,254	9.5	29.2	29.9	31.7
Internal Medicine	5,147	21.7	27.8	26.0	27.4
Int. Med Subs.	1,378	5.6	19.5	16.4	19.4
Neurological Sur.	58	.2	6.8	7.9	7.3
Neurology	421	1.8	26.5	26.9	27.1
Nuclear Medicine	63	.3	26.9	13.7	22.6
Ob/Gyn	2,040	8.6	46.1	46.0	44.2
Ophthalmology	334	1.4	21.4	21.7	22.6
Orthopedic Surgery	129	.5	5.2	5.4	5.0
Otolaryngology	141	.6	11.8	12.4	13.6
Pathology	858	3.6	37.4	36.1	38.0
Pathology Subs.	50	.2	36.8	22.3	24.2
Pediatrics	3,217	13.6	52.2	49.0	50.3
Pediatric Subs.	319	1.5	38.2	36.1	33.9

Specialty	Number	% of All Women Residents	Women Residents as % of all Residents		
			1987	'88	'89
Phy. Medicine & Rehab.	292	1.2	29.3	26.6	30.1
Plastic Surgery	54	.2	10.9	12.0	13.4
Preventive Medicine, General	103	.4	32.6	33.4	41.2
- Aerospace	1	*	7.9	5.8	1.2
- Occupational Medicine	43	.2	29.7	30.9	27.7
- Public Health	27	.1	48.1	52.9	44.2
- Combined Prev. Med./Pub. Hlth.	28	.1	34.3	43.3	36.3
Psychiatry	2,080	8.8	40.9	38.7	40.6
- Child Psychiatry	338	1.4	47.6	50.9	50.2
Radiology, Diagnostic	847	3.6	23.4	24.1	24.7
Radiology Diagnostic (nuclear)	6	*	23.4	14.2	7.0
Radiation Oncology	130	.6	23.8	20.1	25.2
Surgery	989	4.2	12.9	12.5	13.0
- Pediatric Surgery	12	.1	20.0	17.6	25.5
- Vascular Surgery	2	*	3.6	6.5	3.1
Thoracic Surgery	6	*	1.3	1.1	2.0
Urology	53	.2	5.3	5.0	5.3
Transitional Year	446	1.9	25.9	23.3	21.2
TOTAL	23,673	100.00	27.8	27.0	28.0

* Less than .1%

** These numbers are projections based on responses which were statistically adjusted to account for a low response rate.

Source: JAMA: 264: 824-9, 1990.

TABLE 5

WOMEN FACULTY BY DEPARTMENTS, 1975 & 1991

	No. Women 1975	% Women 1975	No. Women 1991	% Women 1991
Basic Sciences				
Anatomy	244	15.5	329	20.0
Biochemistry	157	10.4	342	16.7
Microbiology	189	15.7	353	22.8
Pathology	468	17.7	666	24.3
Pharmacology	110	10.3	243	16.9
Physiology	162	11.5	269	15.0
Other Basic Sciences Department	NA		223	21.9
Clinical				
Anesthesiology	233	19.1	672	22.8
Dermatology	28	10.4	94	23.9
Emergency Medicine	NA		31	15.1
Family Practice	89	14.8	419	25.6
Internal Medicine	630	8.7	2,551	17.3
Neurology	118	12.3	317	17.2
Obstetrics/Gynecology	183	13.4	688	26.8
Ophthalmology	60	9.2	170	15.1
Orthopedic Surgery	12	3.6	75	8.8
Otolaryngology	51	12.7	111	18.3
Pediatrics	917	27.7	2,218	33.9
Physical Medicine	164	29.2	215	35.9
Psychiatry	852	19.1	1,407	26.1
Public Health	288	24.5	394	31.7
Radiology	252	10.9	747	17.8

	No. Women 1975	% Women 1975	No. Women 1991	% Women 1991
Surgery	141	3.9	505	9.1
Other Clinical Department	NA		11	21.2
Allied Health Departments	NA		439	40.4
Other Departments	NA		149	19.2
TOTAL			13,890	20.0

Source: AAMC Faculty Roster

TABLE 6

WOMEN CHAIRS OF ACADEMIC DEPARTMENTS -- 1990-91

Of the 87 women chairing academic departments, 16 are serving in an acting or interim capacity.

Basic Sciences -- 42

Anatomy	3	Pathology	6
Biochemistry	8	Pharmacology	3
Microbiology	11	Physiology	4
		Other	7

Clinical Sciences -- 42

Anesthesiology	4	Obstetrics/ Gynecology	7
Dermatology	1	Pediatrics	7
Emergency Medicine	1	Psychiatry	1
Family/Community Medicine	9	Radiology	4
Neurology	3	Rehab./Physical Medicine	3
		Surgery	2

Interdisciplinary -- 3

Source: AAMC Directory of American Medical Education, 1990-91 (these numbers are the result of a count of likely first-names and therefore are approximate).

Table 7

WOMEN PHYSICIANS BY ACTIVITY AND SPECIALTY

Total Physicians (1989): 600,789

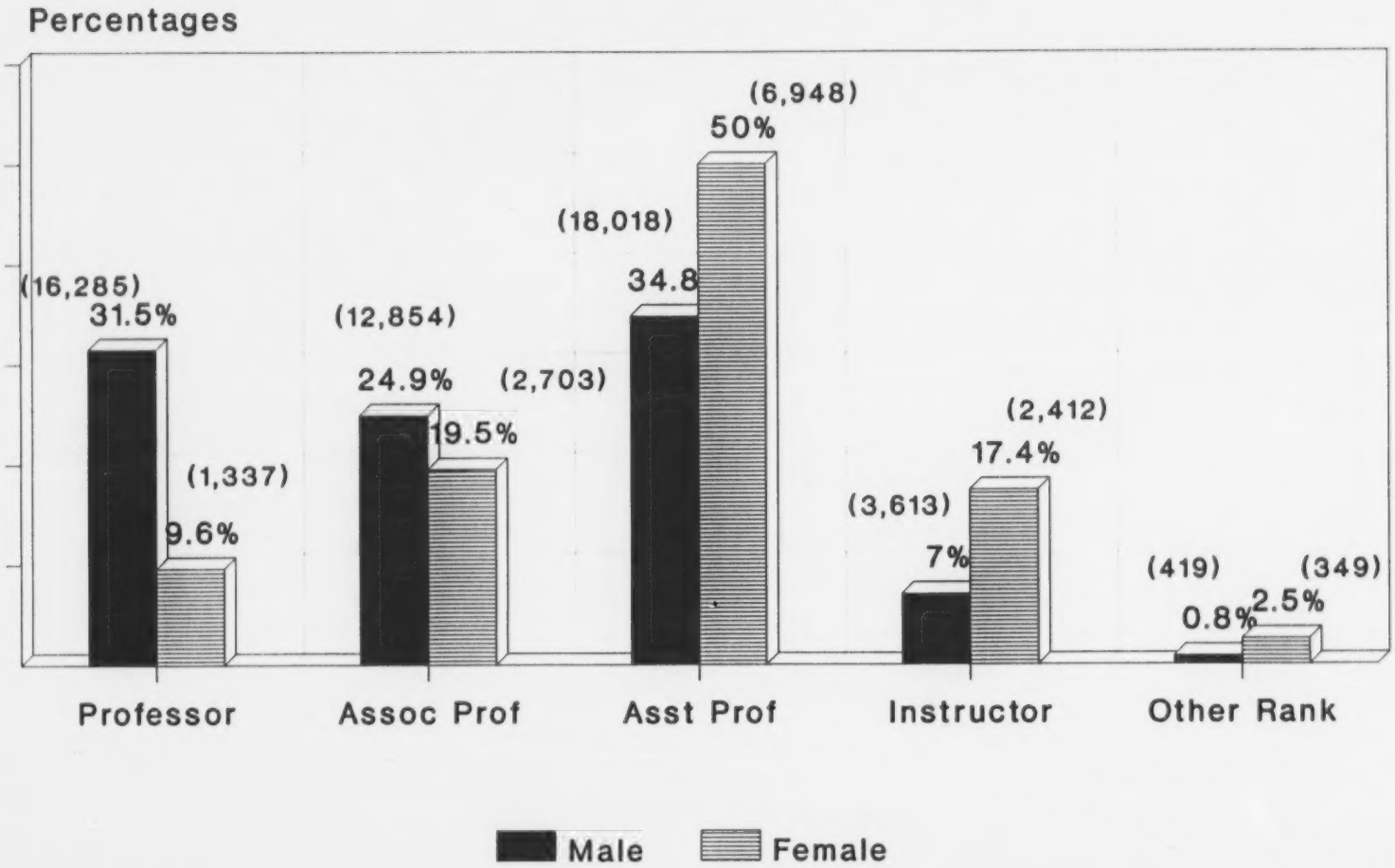
Total Women Physicians: 98,446 (16% of all physicians)

Activity			
Patient Care			81,110 (16%)
Office Based		45,202 (13%)	
Hospital Based		35,908 (25%)	
Residents	23,604 (29%)		
Clinical Fellows	2,066 (24%)		
Full-time Staff	10,238 (20%)		
Other Professional Activity			6,791
Inactive or not Classified			10,545
Specialty* (1988)			
Internal Medicine	17,040		
Pediatrics	14,032		
General and Family Practice	9,443		
Psychiatry	7,375		
Obstetrics/Gynecology	6,634		

* Five highest ranked by size

Source: Physician Characteristics and Distribution in the U.S., Chicago: AMA, 1990.

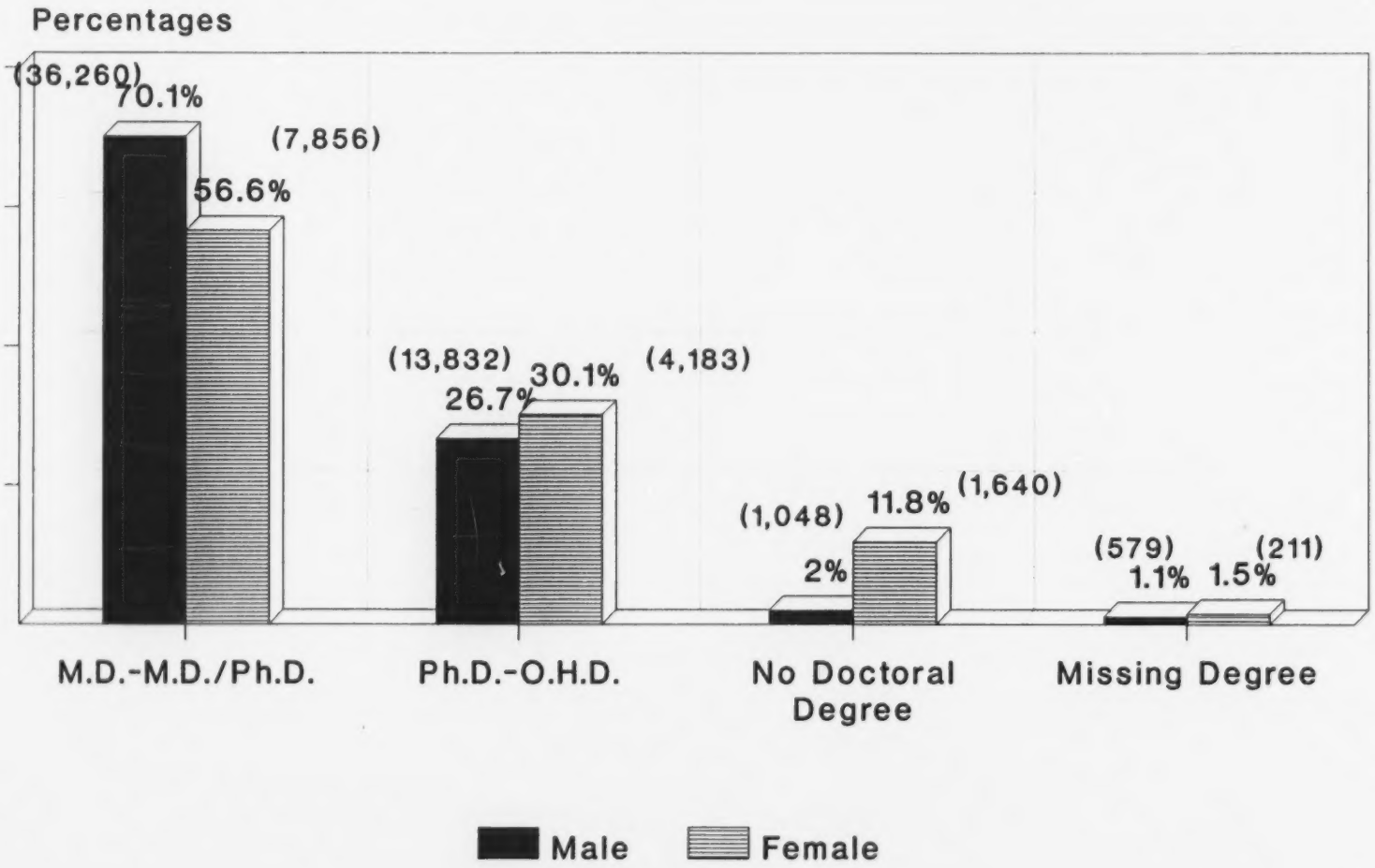
Fig. 1
Full-Time Medical School Faculty
by Rank & Gender



AAMC Faculty Roster
March 1991

None/Missing: Male - 1% (530); Female - 1% (141)

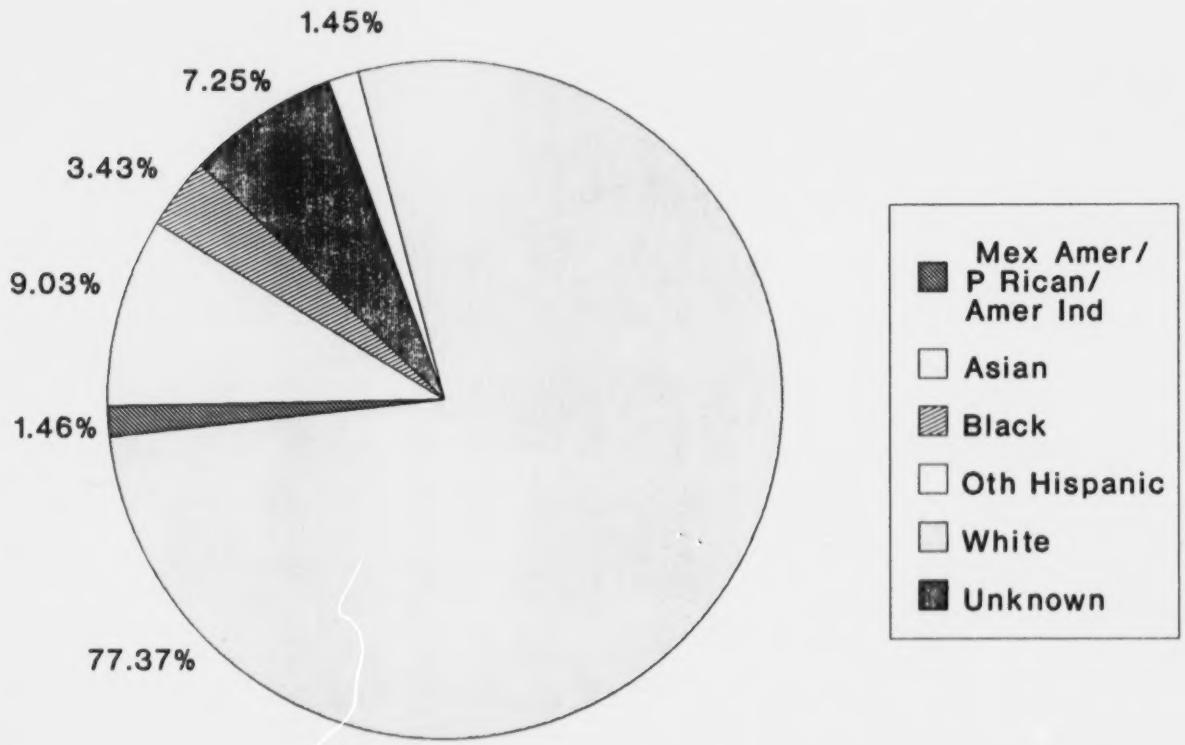
Fig. 2
Full-Time Medical School Faculty
By Degree & Gender



AAMC Faculty Roster
March 1991

Fig. 3

Ethnicity of Female Faculty in U.S. Medical Schools (1991)



AAMC Faculty Roster System